

ABSTRACT

Ayu Restuaty. 2016. **Test the Quality of Escherichia coli Bacteria in Drinking Water Refill Depot in the District Bandung Wetan.** Preceptor 1 Dra. Hj. Lilis Suhaerah, M.Kes. dan Pembimbing 2 Mimi Halimah, S.Pd., M.Si

This study is based on the background of drinking water needs in society increased and lifestyle almost instantaneous, especially people in the district Bandung wetan, so that people are looking for new alternatives that cost is refill drinking water to meet drinking water needs. This research was conducted in May 2016 in Biology Laboratory FKIP Unpas Bandug which aims to determine the nnumber of “coliform bacteria” in drinking water refill depot. The method used is descriptive analysis with observation and laboratory testing bacteriological. Driking water depot in meticulous consist of 5 refill drinking water depot is located in district of Bandung Wetan. Drinking water depot A and B located in area Linggawastu, drinking water depot C and D located in area Balubur, and drinking water depot E located in area Nangkasuni. Water samples taken from 5 drinking water depot located in district Bandung Wetan using sterilized bottles of 600 ml. The next step is to observe and analyze the terms of microbiological laboratory biology FKIP Unpas Bandung. The results of these studies indicate that 5 water samples obtained from refill drinking water depot in district of Bandung Wetan positive for mikrobess, and no one meets the requirements of microbiological testing that complies with the Health Minister of the Republic Indonesia No 492/Menkes/ PER/IV/2010.

Key Words : coliform bacteria, refill drinking water depot, refill drinking water.